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ATTY. DOCKET. NO. AMAT/1931.P1.CPI/ALUMINUM/PJS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Re: Inventor(s): MING XI, PAUL FREDERICK SMITH, LING CHEN, MICHAEL X. YANG, MEI
CHANG, FUSEN CHEN, CHRISTOPHE MARCADAL and JENNY C. LIN
Title: RELIABILITY BARRIER INTEGRATION FOR CU APPLICATION

Transmitted herewith is the patent application identified above, including:

- ☒ Specification, claims and abstract, totaling 21 pages.
- ☒ Drawings totaling 5 pages, ☒ Formal ☐ Informal.
- ☒ Executed Declaration and Power of Attorney.
- ☐ Information Disclosure Statement w/ Form 1449 and References.
- ☒ Assignment of the invention to **Applied Materials, Inc.**
- ☒ Assignment Recordation Cover Sheet

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FEE CALCULATION					
Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	40	-20=	20	x \$18.00	\$360.00
Independent Claims	7	-3=	4	x \$84.00	\$336.00
Basic Filing Fee				\$ 740.00	\$740.00
TOTAL FEES					\$1,436.00

- ☒ The Commissioner is hereby authorized to charge \$1,436.00 to Deposit Account No. 50-1074/1931.P1/CPI/ALUMINUM/PJS/RWM.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074/1931.P1/CPI/ALUMINUM/PJS/RWM. A duplicate copy of this transmittal is enclosed.
- ☒ Please address all future correspondence to:

PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Express Mail Receipt No. EV041916406US

Date of Deposit 1-17-02

Signature Robert W. Mulcahy

Respectfully submitted,

Robert W. Mulcahy
ROBERT W. MULCAHY
Registration No. 25,436

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